

# **Zilker Metro Park Maintenance Barn Replacement Project**

**C.I.P. Project Number : 6066.036**

**Solicitation Number: IFB 6100  
CLMC821**

**October 22, 2020 at 2pm**

**505 Barton Springs Rd Ste. 1045-B**

**Austin, Texas 78704**



**THE BARR  
COMPANY, AIA**

**www.The Barr Company.Com 612a West 22<sup>nd</sup> Street Austin, Texas 78705 (512) 474-4222, Fax (512) 474-4203**

# Bidding Requirements, Contract Forms and Conditions of the Contract

## LUMP SUM BID FORM Section 00300L

City Manager  
Austin, Texas

The undersigned, in compliance with the Invitation for Bids for construction of the following Project for the city of Austin, Texas:

Solicitation No.:	CLMC821
Project:	Zilker Metro Park Maintenance Barn Replacement
CIP ID No.:	6066.036

Having examined the Project Manual, Drawings and Addenda, the site of the proposed Work and being familiar with all of the conditions surrounding construction of the proposed Project, having conducted all inquiries, tests and investigations deemed necessary and proper; hereby proposes to furnish all labor, permits, material, machinery, tools, supplies and equipment, and incidentals, and to perform all Work required for construction of the Project in accordance with the Project Manual, Drawings and Addenda within the time indicated.

<b>BASE BID</b>	<i>Two Million five hundred forty thousand six hundred one and 65/100</i>	\$ <i>2,540,601.65</i>
Base Bid includes Trench Excavation Safety Systems & Special Shoring		

- The "Base Bid" amount must be used in the MBE/WBE Compliance Plan Summary Page to determine subcontractor participation levels for the established MBE/WBE procurement goals.
- The "Base Bid" amount becomes the Bidder's "TOTAL BID" if allowances and/or alternates are not included.

**TRENCH EXCAVATION SAFETY SYSTEMS UNIT PRICES:** The undersigned Bidder agrees that the Base Bid Price for the Work, listed above, includes the following amounts in the Bid for excavation safety systems as specified in Item Number 509S of the Specifications and in case of an authorized adjustment to the scope of Work, the following unit price(s) will be used in adjusting the Contract Amount:

Item	Quantity	Unit	Item Description	Unit Price	Amount
509S-1	1,650	LF	Trench Excavation Safety Protection Systems (all depth)	\$ <i>6.05</i>	\$ <i>9,982.50</i>

### ALLOWANCES:

Allowance No. 1:	Mitigation Tree Care	\$ 49,950
Allowance No. 2:	Signage	\$ 5,000
<b>SUBTOTAL ALLOWANCES</b>		\$ 54,950

<b>BASE BID PLUS ALLOWANCES:</b>	\$ <i>2,540,601.65</i>
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Notes:



## Bidding Requirements, Contract Forms and Conditions of the Contract

1. For a more detailed explanation of Bid allowances, see Section 01020.
2. **MINIMUM WAGES:** Workers on Project shall be paid not less than wage rates, including fringe benefits, as published by the Department of Labor (DOL) for Building Construction and Heavy and Highway Trades "AS APPLICABLE" and/or the minimum wage required by City of Austin Ordinance No. 20160324-015, whichever is higher. The Total Minimum Wage required can be met using any combination of cash and non-cash qualified fringe benefits provided the cash component meets or exceeds the minimum wage required.

**UNIT PRICES:** The undersigned Bidder agrees that, in case of an authorized adjustment to the scope of Work shown, the following unit price(s) will be used in adjusting the Contract Amount:

Item Description	Unit Price	Per	Unit
Water Pipe, 8-inch Dia., DI C151 CL 350 (All Depths), including Excavation and Backfill	\$ 104.06	Per	LF
Wastewater Pipe, 8-inch Dia., SDR 26 PVC (All Depths), including Excavation, Backfill, and Material Disposal	\$ 106.48	Per	LF
Silt Fence for Erosion Control	\$ 2.75	Per	LF
Sediment Dikes	\$ 5.72	Per	LF
Tree Protection Fencing	\$ 3.43	Per	LF

**BID GUARANTY:** A Bid guaranty must be enclosed with this Bid, as required in Section 00020, in the amount of not less than five percent (5%) of the total Bid. Following the Bid opening, submitted Bids may not be withdrawn for a period of ninety (90) Calendar Days. Award of Contract will occur within this period, unless mutually agreed between the parties. The Bid guaranty may become the property of the OWNER, or the OWNER may pursue any other action allowed by law, if:

- Bidder withdraws a submitted Bid within the period stated above;
- Bidder fails to submit the required post Bid information within the period specified in Section 00020 or 00100, or any mutually agreed extension of that period; or
- Bidder fails to execute the Contract and furnish the prescribed documentation (bonds, insurance, etc.) needed to complete execution of the Contract within five (5) Working Days after notice of award, or any mutually agreed extension of that period.

**GEOTECHNICAL BASELINE ACKNOWLEDGEMENT:** The undersigned Bidder certifies that the Bidder has read and understands the Geotechnical Baseline Report (GBR), the Geotechnical Data Report, the Reflection Survey Report, and all other geological and geotechnical information and data as provided in the Contract Documents, including all Addenda. **The Bidder acknowledges and agrees that the GBR represents the contractual statement of the subsurface conditions reasonably anticipated to be encountered during construction. The GBR will be used to evaluate whether subsurface conditions differ materially from those indicated in the GBR.**

**TIME OF COMPLETION:** The undersigned Bidder agrees to commence work on the date specified in the written "Notice to Proceed" to be issued by the OWNER and to substantially complete construction of the improvements, as required by the Project Manual, Drawings and Addenda for the Work within Three Hundred (300) Calendar Days.



## Bidding Requirements, Contract Forms and Conditions of the Contract

If a Substantial Completion date has been specified, the Bidder further agrees to reach Final Completion within Sixty (60) Calendar Days after Substantial Completion as required by the Project Manual, Drawings and Addenda for the work.

The Bidder further agrees that should the Bidder fail to substantially complete the Work within the number of days indicated in the Bid or as subsequently adjusted, Bidder shall pay the liquidated damages for each consecutive day thereafter as provided below; unless the OWNER elects to pursue any other action allowed by law.

**WAIVER OF ATTORNEY FEES:** In submitting the Bid, in consideration for the waiver of the Bidder's right to attorney's fees by the OWNER, the Bidder knowingly and intentionally agrees to and shall waive the right to attorney's fees under Section 271.153 of the Texas Local Government Code in any administrative proceeding, alternative dispute resolution proceeding, or litigation arising out of or connected to any Contract awarded pursuant to this solicitation process.

**LIQUIDATED DAMAGES:** The Bidder understands and agrees that the timely completion of the described Work is of the essence. The Bidder and OWNER further agree that the OWNER's actual damages for delay caused by failure to timely complete the Project are difficult, if not impossible to measure. However, with respect to the additional administrative and consultant costs to be incurred by OWNER, the reasonable estimate of such damages has been calculated and agreed to by OWNER and Bidder.

Therefore, the Bidder and the OWNER agree that for each and every Calendar Day the Work or any portion thereof, remains incomplete after the Substantial Completion date as established by the above paragraph, "Time of Completion", payment will be due to the Owner in the amount of Three Thousand dollars (\$3,000) per Calendar Day as liquidated damages, not as a penalty, but for delay damages to the OWNER.

If both Substantial and Final Completion dates have been specified, the Bidder and the OWNER further agree that for each and every Calendar Day the Work or any portion thereof, remains incomplete after the Final Completion date as established by the above paragraph, "Time of Completion", payment will be due to the OWNER in the amount of One Thousand dollars (\$1,000) per Calendar Day as liquidated damages, not as a penalty, but for delay damages to the OWNER. Such amount shall be deducted by the OWNER from any Contract payment due.

In the event of a default or breach by the CONTRACTOR and demand is made upon the surety to complete the project, in accordance with the Contract Documents, the surety shall be liable for liquidated damages pursuant to the Contract Documents in the same manner as the CONTRACTOR would have been.

**MINOR INFORMALITY:** OWNER reserves the right to reject any or all Bids and to waive any minor informality in any Bid or solicitation procedure (a minor informality is one that does not affect the competitiveness of the Bidders).

**ADDENDUM:** The undersigned acknowledges receipt of the following addenda:

Addendum No. 1 dated	10/14/2020	Received	10/15/2020
Addendum No. 2 dated		Received	
Addendum No. 3 dated		Received	
Addendum No. 4 dated		Received	



**Bidding Requirements, Contract Forms and Conditions of the Contract**

**BID DOCUMENT EXECUTION AND ACKNOWLEDGEMENT:** The undersigned Bidder certifies that the Bidder has read and understands Section 00020 Invitation for Bids, Section 00100 Instructions to Bidders, and all other requirements applicable to the Bidding process provided in the Bid and Contract Documents.

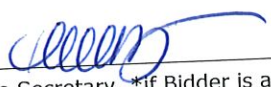
**BIDDER'S CERTIFICATION OF NON-COLLUSION, NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING (Section 00440):** The undersigned Bidder, by its signature, represents and certifies that it has read and can affirmatively swear and subscribe to the statements in Section 00440 Non-Collusion, Non-Conflict of Interest, and Anti-Lobbying Certification. If the Bidder cannot affirmatively swear and subscribe to any of the statements in Section 00440, Bidder represents and certifies that it has provided a detailed written explanation with its Bid on separate pages annexed hereto. The undersigned Bidder further certifies that it has not in any way directly or indirectly had communication restricted in the City Code Chapter 2-7, Article 6 (Anti-Lobbying and Procurement) during the No-Lobbying Period as defined in Chapter 2-7.

**BIDDER'S CERTIFICATION AS TO NONRESIDENT PROVISIONS (Section 00475):**  
The undersigned Bidder certifies that it has read Section 00475 Nonresident Bidder Provisions and **Bidder certifies that Bidder is a resident of**  
Texas (Bidder must write in the blank the state of which Bidder is a resident).

Bidder will initial the blank set forth below to represent and certify that the Bidder has completed, executed, and enclosed the corresponding Bid Documents with the Bid.

 MBE/WBE Compliance Document

**The undersigned, by their signature, represents that they are submitting a binding offer and are authorized to bind the respondent to fully comply with the solicitation documents contained herein. The Respondent, by submitting and signing below, certifies that they have received and read all sections of the entire solicitation document including all revisions, addenda and documents incorporated by reference, and agree to be bound by the terms therein.**

  
\_\_\_\_\_  
Corporate Secretary, \*if Bidder is a Corporation

mbarr@thebarrcompany.com  
Email for Secretary

(Seal)

Rodriguez Barr Inc dba  
The Barr Company, AIA  
\_\_\_\_\_  
Bidder

  
\_\_\_\_\_  
Authorized Signature/Print Name  
Martecia Rodriguez  
President  
\_\_\_\_\_  
Title

10/22/2020  
\_\_\_\_\_  
Date

**Bidding Requirements, Contract Forms and Conditions of the Contract**

612A West 22<sup>nd</sup> Street  
Austin, Tx 78705  
Address

512-474-4222 / 512-474-4203  
Telephone Number / FAX Number

mbarre@thebarrcompany.com  
Email for Person Signing Bid

Kathy@thebarrcompany.com  
Email for Bidder's Primary Contact Person

**END**



**TOTAL BID FORM**

<b>Solicitation No.:</b>	CLMC821
<b>Project:</b>	Zilker Metro Park Maintenance Barn Replacement
<b>Bidder:</b>	Rodriguez Barn Inc dba The Barn Company, AIA
<b>Total Bid Amount:</b> (includes Base Bid plus any Allowances or Alternates shown in Section 00300)	\$ 2,540,601.65

Notes:

1. This form will be displayed publicly in Austin Finance Online approximately one hour after the solicitation closes.
2. In the case of discrepancies between this form and Section 00300, Section 00300 takes precedence.

**Zilker Metro Park Maintenance  
Barn Replacement Project**

**C.I.P. Project Number : 6066.036**

**Solicitation Number: IFB 6100**

**CLMC821**

**BONDING**



**THE BARR  
COMPANY, AIA**

**[www.TheBarrCompany.Com](http://www.TheBarrCompany.Com) 612a West 22<sup>nd</sup> Street Austin, Texas 78705 (512) 474-4222, Fax (512) 474-4203**



## BID BOND


KNOW ALL MEN BY THESE PRESENTS, that we, The Barr Company, AIA, 612A West 22<sup>nd</sup> Street, Austin, TX 78705  
as Principal, hereinafter called the Principal, and The Hanover Insurance Company, 440 Lincoln Street, Worcester, MA 01653  
a corporation duly organized under the laws of the State of New Hampshire as Surety, hereinafter called the Surety, are held and  
firmly bound unto the City of Austin, P. O. Box 1088, Austin, TX 78767 as Oblige, hereinafter called the  
Obligee, in the sum of Five Percent of the Greatest Amount Bid by Principal Dollars (\$ 5% G.A.B. by Principal), for the payment of which  
sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors  
and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for: Zilker Metro Park Maintenance Barn Replacement Project; C.I.P. Project Number:  
6066.036; Solicitation Number: CLM C821

NOW, THEREFORE, if the Oblige shall accept the bid of the Principal and the Principal shall enter into a Contract with the Oblige in  
accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good  
and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the  
prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall  
pay to the Oblige the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for  
which the Oblige may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null  
and void, otherwise to remain in full force and effect.

PROVIDED, HOWEVER, that neither Principal nor Surety shall be bound hereunder unless Oblige prior to the execution of the final  
contract furnishes evidence satisfactory to Principal and Surety that financing has been obtained to cover the entire cost of the Project.

Signed and sealed this 22nd day of October 2020.

 (Witness)  
President  
Kathy Nomody The Barr Company, AIA  
Witness (Principal) (Seal)  
President (Title)

Connie Williamson (Witness)  
Connie Williamson  
The Hanover Insurance Company  
(Surety) (Seal)  
Emily Mikeska Attorney-In-Fact  
(Title)



THE HANOVER INSURANCE COMPANY  
MASSACHUSETTS BAY INSURANCE COMPANY  
CITIZENS INSURANCE COMPANY OF AMERICA

POWER OF ATTORNEY

THIS Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

KNOW ALL PERSONS BY THESE PRESENTS:

That THE HANOVER INSURANCE COMPANY and MASSACHUSETTS BAY INSURANCE COMPANY, both being corporations organized and existing under the laws of the State of New Hampshire, and CITIZENS INSURANCE COMPANY OF AMERICA, a corporation organized and existing under the laws of the State of Michigan, (hereinafter individually and collectively the "Company") does hereby constitute and appoint

John R. Ward, Douglas Moore, Emily Mikeska, Eva O. Limmer and/or Allyson Dean

Of Ward & Moore Insurance Services LP of Dallas, TX, Gatesville, TX and Temple, TX each individually, if there be more than one named, as its true and lawful attorney(s)-in-fact to sign, execute, seal, acknowledge and deliver for, and on its behalf, and as its act and deed any place within the United States, any and all surety bonds, recognizances, undertakings, or other surety obligations. The execution of such surety bonds, recognizances, undertakings or surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company, in their own proper persons. Provided however, that this power of attorney limits the acts of those named herein; and they have no authority to bind the Company except in the manner stated and to the extent of any limitation stated below:

Any such obligations in the United States, not to exceed Thirty Five Million and No/100 (\$35,000,000) in any single instance

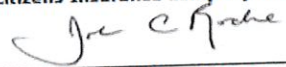
That this power is made and executed pursuant to the authority of the following Resolutions passed by the Board of Directors of said Company, and said Resolutions remain in full force and effect:

RESOLVED: That the President or any Vice President, in conjunction with any Vice President, be and they hereby are authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as it acts, to execute and acknowledge for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, waivers of citation and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company in their own proper persons.

RESOLVED: That any and all Powers of Attorney and Certified Copies of such Powers of Attorney and certification in respect thereto, granted and executed by the President or Vice President in conjunction with any Vice President of the Company, shall be binding on the Company to the same extent as if all signatures therein were manually affixed, even though one or more of any such signatures thereon may be facsimile. (Adopted October 7, 1981 - The Hanover Insurance Company; Adopted April 14, 1982 - Massachusetts Bay Insurance Company; Adopted September 7, 2001 - Citizens Insurance Company of America)

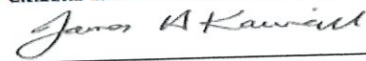
IN WITNESS WHEREOF, THE HANOVER INSURANCE COMPANY, MASSACHUSETTS BAY INSURANCE COMPANY and CITIZENS INSURANCE COMPANY OF AMERICA have caused these presents to be sealed with their respective corporate seals, duly attested by two Vice Presidents, this 4<sup>th</sup> day of April, 2018.

The Hanover Insurance Company  
Massachusetts Bay Insurance Company  
Citizens Insurance Company of America

  
John C. Roche, EVP and President

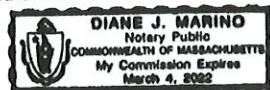


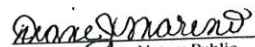
The Hanover Insurance Company  
Massachusetts Bay Insurance Company  
Citizens Insurance Company of America

  
James H. Kawiecki, Vice President

THE COMMONWEALTH OF MASSACHUSETTS )  
COUNTY OF WORCESTER ) ss.

On this 4<sup>th</sup> day of April, 2018 before me came the above named Vice Presidents of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, to me personally known to be the individuals and officers described herein, and acknowledged that the seals affixed to the preceding instrument are the corporate seals of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, respectively, and that the said corporate seals and their signatures as officers were duly affixed and subscribed to said instrument by the authority and direction of said Corporations.




  
Diane J. Marino, Notary Public  
My Commission Expires March 4, 2022

I, the undersigned Vice President of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, hereby certify that the above and foregoing is a full, true and correct copy of the Original Power of Attorney issued by said Companies, and do hereby further certify that the said Powers of Attorney are still in force and effect.

GIVEN under my hand and the seals of said Companies, at Worcester, Massachusetts, this 22nd day of October, 2020

CERTIFIED COPY

  
Theodore G. Martinez, Vice President



**IMPORTANT NOTICE**

To obtain information or make a complaint:  
You may call The Hanover Insurance Company/  
Citizens Insurance Company of America's toll-free  
telephone number for information or to make a  
complaint at:

**1-800-608-8141**

You may also write to The Hanover Insurance Company/  
Citizens Insurance Company of America at:

440 Lincoln Street  
Worcester, MA 01615

You may contact the Texas Department of Insurance  
to obtain information on companies, coverages,  
rights or complaints at:

**1-800-252-3439**

You may write the Texas Department of Insurance:

P. O. Box 149104  
Austin, TX 78714-9104  
Fax: (512) 475-1771  
Web: <http://www.tdi.texas.gov>  
E-mail: [ConsumerProtection@tdi.texas.gov](mailto:ConsumerProtection@tdi.texas.gov)

**PREMIUM OR CLAIM DISPUTES:**

Should you have a dispute concerning your premium  
or about a claim you should contact the agent or the  
company first. If the dispute is not resolved, you may  
contact the Texas Department of Insurance.

**ATTACH THIS NOTICE TO YOUR POLICY:** This  
notice is for information only and does not become  
a part or condition of the attached document.

**AVISO IMPORTANTE**

Para obtener informacion o para someter una queja:  
Usted puede llamar al numero de telefono gratis de  
The Hanover Insurance Company/Citizens Insurance  
Company of America's para informacion o para  
someter una queja al:

**1-800-608-8141**

Usted tambien puede escribir a The Hanover Insurance  
Company/Citizens Insurance Company of America al:

440 Lincoln Street  
Worcester, MA 01615

Puede comunicarse con el Departamento de Seguros  
de Texas para obtener informacion acerca de  
companias, coberturas, derechos o quejas al:

**1-800-252-3439**

Puede escribir al Departamento de Seguros de Texas:

P. O. Box 149104  
Austin, TX 78714-9104  
Fax: (512) 475-1771  
Web: <http://www.tdi.texas.gov>  
E-mail: [ConsumerProtection@tdi.texas.gov](mailto:ConsumerProtection@tdi.texas.gov)

**DISPUTAS SOBRE PRIMAS O RECLAMOS:**

Si tiene una disputa concerniente a su prima o a un  
reclamo, debe comunicarse con el agente o la com-  
pania primero. Si no se resuelve la disputa, puede  
entonces comunicarse con el departamento (TDI).

**UNA ESTE AVISO A SU POLIZA:** Este aviso es solo  
para proposito de informacion y no se convierte en  
parte o condicion del documento adjunto.

# **Zilker Metro Park Maintenance Barn Replacement Project**

**C.I.P. Project Number : 6066.036**

**Solicitation Number: IFB 6100**

**CLMC821**

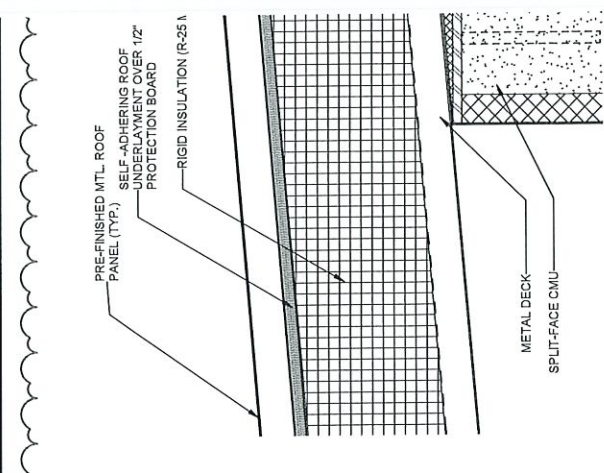
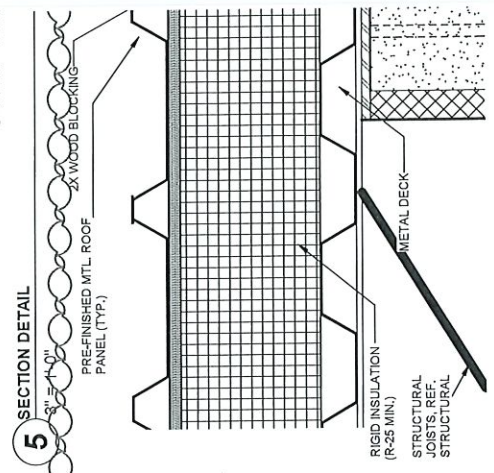
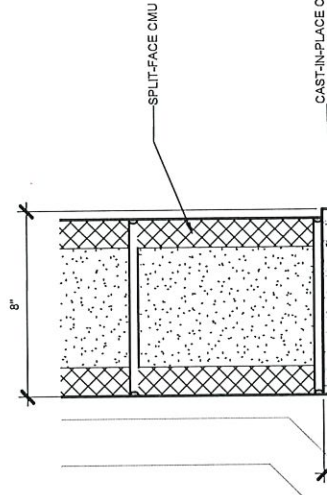
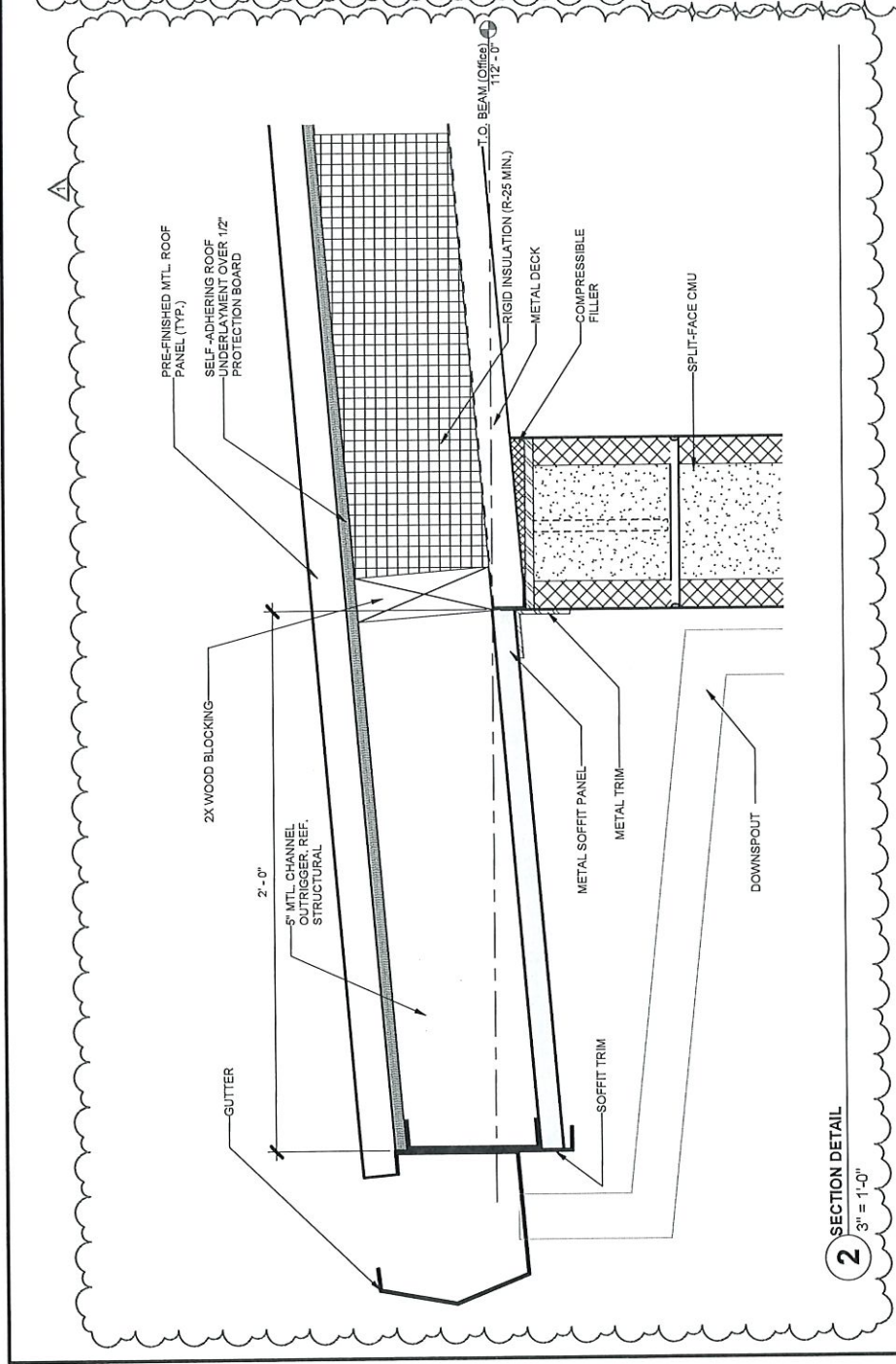
**Addenda**

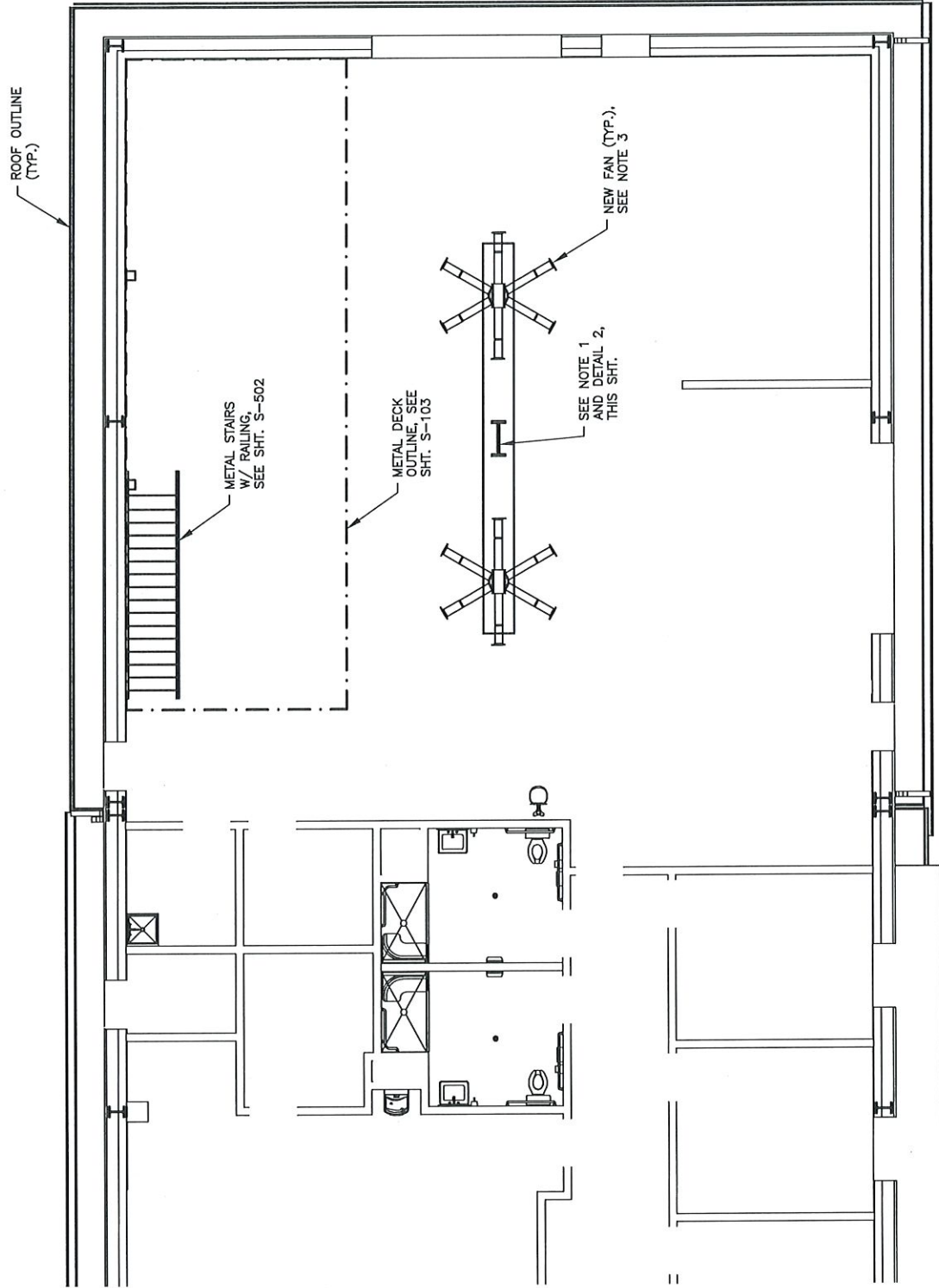


**THE BARR  
COMPANY, AIA**

**www.The Barr Company.Com 612a West 22<sup>nd</sup> Street Austin, Texas 78705 (512) 474-4222, Fax (512) 474-4203**







A

CSX6.7 4' LONG O  
18" C/C ALL A  
REFER TO ARCHITE  
ADDEN

2

# MAINTENANCE BARN FAN SUPPORT PLAN

SCALE: 3/16" = 1'-0"



ROOF RAFTER



**Bidding Requirements, Contract Forms and Conditions of the Contract**  
**ADDENDUM 1**  
**Section 00900**

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**ADDENDUM No. 1**

Date: October 14, 2020

City of Austin

Project Name: Zilker Metro Park – Maintenance Barn Replacement

C.I.P. No. 6066.036

IFB#: CLMC821

This Addendum forms a part of Contract and corrects or modifies original Bid Documents, dated September, 2020. Acknowledge receipt of this addendum in space provided on bid form. Failure to do so may subject bidder to disqualification.

**A. Project Manual Revisions:**

1. Replace Table of Contents to reflect added or modified sections.
2. Replace Section 07 21 00 Thermal Insulation
3. Add Section 10 50 30 Metal Lockers.
4. Replace Page 6 only of Section 133419 Metal Building Systems, attached. Reason: Numbering corrected at 1.7.B Shop Drawings.
5. At Storage Building – All metal trim, soffits, and other to be by Pre-engineered Metal Building Manufacturer.

**B. Drawing Revisions:**

1. Replace Structural Sheet S104
2. Replace Architectural Sheet A404
3. Disregard all reference to "standing seam metal roofs" in drawings. Roofs at main building and storage building to be "Trapezoidal Seam Metal Roof Panels" by Pre-Engineered Metal Building manufacturer.

**C. Miscellaneous Revisions:**

1. Reference Sheet A101 – Floor Plan – Metal shelving in Maintenance Bay 101 to be as follows:

Basis of Design: By Uline (1-800-295-5510) or approved equal.

1. 3-tiered industrial shelving racks.
2. Shelving with 2000 lb. load capacity
3. Wire mesh decking
4. Single shelving units or combination of two to provide the following:
  - a. 3 shelving units of: W 96", D 48", H 72"

Document Number	Date	Title
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**VOLUME 1**

08/28/20	Table of Contents
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**BIDDING REQUIREMENTS, CONTRACT FORMS, & CONDITIONS OF THE CONTRACT**

00020	04/03/2020	Invitation for Bids
00100	04/03/2020	Instructions to Bidders
00220	03/30/18	Geotechnical Data
00300L	04/03/2020	Bid Form-Lump Sum
	04/03/2020	Total Bid Form
00400	04/30/19	Statement of Bidder's Experience
00405	03/30/18	Certificate of Non-Suspension or Debarment
00410	09/17/18	Statement of Bidder's Safety Experience
00440	10/22/19	Prohibited Activities
00475	08/12/19	Nonresident Bidder Provisions
00500	02/04/2020	Agreement (SAMPLE)
00610	02/04/2020	Performance Bond
00620	02/04/2020	Payment Bond
00630	10/22/19	Non-Discrimination and Non-Retaliation Certificate
00631	03/30/18	Title VI Assurances Appendix A
00632	03/30/18	Title VI Assurances Appendix E
00650	06/08/18	Certificate of Insurance
00670	01/11/19	Sales Tax Exemption Certificate
00680	03/30/18	Non-Use of Asbestos Affidavit (Prior to Construction)
00681	03/30/18	Non-Use of Asbestos Affidavit (After Construction)
00700	08/28/2020	General Conditions
00810	08/28/2020	Supplemental General Conditions
00830	02/04/20	Wage Rates and Payroll Reporting
00830BC	02/24/2020	Wage Rates Building Construction Trades
00830HH	01/13/2020	Wage Rates Highway Heavy
00840	04/29/2020	Construction Training Program Requirements
00900	01/11/19	Addendum (SAMPLE)



**City Standard Technical Specifications**

**Series 100 – Earthwork**

101S	01/04/11	Preparing Right of Way
102S	08/20/07	Clearing and Grubbing
110S	11/18/04	Street Excavation
111S	09/26/12	Excavation
130S	09/26/12	Borrow
132S	08/20/07	Embankment

**Series 200 – Subgrade and Base Construction**

201S	08/20/07	Subgrade Preparation
210S	02/24/10	Flexible Base
220S	02/24/10	Sprinkling for Dust Control
232S	08/20/07	Rolling (Pneumatic Tire)
234S	08/20/07	Rolling (Tamping)
236S	08/20/07	Proof Rolling

**Series 300 – Street Surface Courses**

301S	08/20/07	Asphalts, Oils, Emulsions
302S	09/26/12	Aggregates for Surface Treatment
306S	02/24/10	Prime Coat
307S	02/24/10	Tack Coat
315S	09/26/12	Milling Asphaltic Concrete Pavement
340S	09/26/12	Hot Mix Asphaltic Pavement
360S	09/26/12	Concrete Pavement

**Series 400 – Concrete Structures**

401S	09/26/12	Structural Excavation and Backfill
403S	09/26/12	Concrete for Structures
405S	11/13/07	Concrete Admixtures
406S	09/26/12	Reinforcing Steel
408S	11/13/07	Concrete Joint Materials
409S	11/13/07	Membrane Curing
410S	09/26/12	Concrete Structures
411S	11/13/07	Surface Finishes for Concrete
413S	11/13/07	Cleaning and/or Sealing Joints and Cracks
430S	11/15/11	P.C. Concrete Curb and Gutter
432S	01/04/10	P.C. Concrete Sidewalks
433S	12/09/08	P.C. Concrete Driveways
439S	11/13/07	Parking Lot Bumper Curbs

**Series 500 – Pipe and Appurtenances**

503S	02/17/00	Frames, Grates, Rings and Covers
505S	02/24/10	Concrete Encasement and Encasement Pipe
506	03/15/11	Manholes
508S	02/24/10	Miscellaneous Structures and Appurtenances
509S	09/26/12	Excavation Safety Systems
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## SECTION 07 21 00 – THERMAL INSULATION

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This Section includes the following:
  - 1. Exterior cavity wall insulation in batt form.
  - 2. Rigid insulation at Storage Building.
- B. Related Sections: Section 133419- Metal Building Systems; Refer to related section(s) for thermal roof insulation and draped blanket insulation on exterior walls.

#### 1.3 DEFINITIONS

- A. Thermal Resistivity: Where thermal resistivity properties of insulation materials are designated by "R-values" they represent the reciprocal of thermal conductivity (k-values). Thermal conductivity is the rate of heat flow through a homogenous material exactly 1 inch thick. Thermal resistivities are expressed by the temperature difference in degrees F between the two exposed faces required to cause one BTU to flow through one square foot per hour at mean temperatures indicated.
- B. Thermal Resistance (R-value) is the reciprocal of thermal conductance (C-value) which is the rate of heat flow through a material of the thickness indicated. Thermal resistance (R-value) is expressed by the temperature difference in degrees F (Kelvins) between the two exposed faces required to cause 1 Btu to flow through 1 sq. ft. (1 watt to flow through 1 sq. m) per hour at the mean temperature indicated.

#### 1.4 SUBMITTALS

- A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.
- B. Product data for each type of insulation product specified.
- C. Product test reports from and based on tests performed by qualified independent testing laboratory evidencing compliance of insulation products with requirements including R-values (aged values for plastic foam insulations), fire performance characteristics, perm ratings, water absorption ratings, and other properties, based on comprehensive testing of current products.
- D. Research reports or evaluation reports of the model code organization acceptable to authorities having jurisdiction that evidence compliance of plastic foam insulations with building code in effect for Project.

#### 1.5 QUALITY ASSURANCE

- A. Fire Performance Characteristics: Provide insulation materials identical to those whose indicated fire performance characteristics have been determined per the ASTM test method indicated below, by UL or other testing and inspecting agency acceptable to authorities having jurisdiction. Identify products with appropriate markings of applicable testing and inspecting organization.
  - 1. Surface Burning Characteristics: ASTM E 84.
  - 2. Fire Resistance Ratings: ASTM E 119.
  - 3. Combustion Characteristics: ASTM E 136.

4. Thickness: 5".

### **2.3 AUXILIARY INSULATING MATERIALS**

- A. Adhesive for Bonding Insulation: Product with demonstrated capability to bond insulation or mechanical anchors securely to substrates indicated without damaging or corroding either insulation, anchors, or substrates.
- B. Adhesively Attached Pin Anchors: Perforated plate, 2 inches square, welded to projecting pin, with self-locking washer, complying with the following requirements:
  - 1. Plate: Zinc-plated steel, 0.106 inch thick.
  - 2. Pin: Copper-coated low carbon steel, fully annealed, 0.106 inches in diameter, length to suit depth of insulation indicated and, with washer in place, to hold insulation tightly to substrate behind insulation.
  - 3. Self-Locking Washer: Mild steel, 0.106-inch-thick, size as required to hold insulation securely.
  - 4. Where spindles will be exposed to human contact after installation, protect ends with capped self-locking washers.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Examine substrates and conditions with Installer present, for compliance with requirements of the Sections in which substrates and related work are specified and to determine if other conditions affecting performance of insulation are satisfactory. Do not proceed with installation of insulation until unsatisfactory conditions have been corrected.

### **3.2 PREPARATION**

- A. Clean substrates of substances harmful to insulations or vapor retarders, including removal of projections which might puncture vapor retarders.

### **3.3 INSTALLATION, GENERAL**

- A. Comply with manufacturer's instructions applicable to products and application indicated. If printed instructions are not available or do not apply to project conditions, consult manufacturer's technical representative for specific recommendations before proceeding with installation of insulation.
- B. Extend insulation full thickness as indicated to envelop entire area to be insulated. Cut and fit tightly around obstructions, and fill voids with insulation. Remove projections which interfere with placement.
- C. Apply a single layer of insulation of required thickness, unless otherwise shown or required to make up total thickness.

### **3.4 INSTALLATION OF GENERAL BUILDING INSULATION**

- A. Apply insulation units to substrate by method indicated, complying with manufacturer's recommendations. If no specific method is indicated, bond units to substrate with adhesive or use mechanical anchorage to provide permanent placement and support of units.
- B. Set vapor retarder faced units with vapor retarder to warm side of construction, except as otherwise indicated. Do not obstruct ventilation spaces, except for firestopping.

### **3.5 PROTECTION**

- A. General: Protect installed insulation and vapor retarders from damage due to harmful weather exposures, physical abuse, and other causes. Provide temporary coverings or



## **SECTION 10 50 30 METAL LOCKERS**

### **PART 1 GENERAL**

#### **1.1 SECTION INCLUDES**

- A. Lockers of the following types:
  - 1. Standard duty metal lockers
  - 2. Locker accessories.

#### **1.2 RELATED SECTIONS**

- A. Section 03 35 11 – Concrete Floor Finishes.
- B. Section 06 10 00 - Rough Carpentry

#### **1.3 REFERENCES**

- A. ADAAG - American with Disabilities Act, Accessibility Guidelines.
- B. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
- C. ASTM International (ASTM):
  - 1. ASTM A 1008 - Standard Specification for Steel Sheet, Carbon, Cold-Rolled, Commercial Quality.
  - 2. ASTM D 4976 - Standard Specification for Polyethylene Plastics Molding and Extrusion Materials.
  - 3. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

#### **1.4 SUBMITTALS**

- A. Submit under provisions of Section 01 30 00.
- B. Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. Shop Drawings: Provide layout and elevations of lockers with overall dimensions.
- D. LEED Requirements: Provide products required by this section with attributes that contribute to the project sustainability goals:
  - 1. MR 4.1 and MR 4.2: Recycled Content.
  - 2. EQ 4.1, EQ 4.2, EQ 4.4: Low Emitting Materials.
- E. Maintenance Data: For adjusting, repairing, and replacing locker doors and latching mechanisms.
- F. Verification Samples: For finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product and color selected.

#### **1.5 QUALITY ASSURANCE**

8. Body:
  - a. Bottoms: 16 gauge.
  - b. Tops, Sides and Shelves, Welded: 16 gauge.
  - c. Backs: 18 gauge.
  - d. Bolt spacing shall not exceed 9 inches (228 mm) o.c.
9. Hinges: Full length 16 gauge continuous piano type, riveted to both door and frame.
10. Handles: One-piece 20 gauge deep drawn stainless steel cup designed to accommodate padlocks.
11. Latching: 4,5,6 Tier: An 11 gauge frame hook shall be secured to the frame. The frame shall have a padlock hasp protruding through the recessed handle. A rubber silencer shall be firmly secured to the frame at each latch hook.
12. A rubber silencer shall be firmly secured to the frame at each latch hook.
13. Interior Equipment:
  - a. Double Tier lockers shall have three wall hooks and one ceiling hook
14. Number Plates: Each locker shall have a polished aluminum number plate riveted to door face with black numerals 1/2 inch (12 mm) high.
15. Finish: Doors and exposed body parts shall be finished in a baked-on powder coat finish in color indicated.
  - a. Color: Almond #03.
16. Assembly:
  - a. Factory Assembly: All locker components shall be assembled with rivets.

## 2.4 LOCKER ACCESSORIES

- A. Metal Locker Sloped Tops:
  1. Continuous slope top shall be 18 gauge sheet steel, powder coated to match the color of the lockers. Hoods are 72 inches (1.828 m) in length by depth of locker. For longer lengths, slip joints without visible fasteners at splice locations shall be provided. End closures shall be provided. The slope shall have a rise equal to 1/3 of the locker depth, plus a 1 inch (25 mm) vertical rise at the front.
- B. Metal Locker Bases:
  1. Base: Zee base shall be 14 gauge sheet steel, powder coated to match the color of the lockers.
- C. Metal Locker Fillers-Vertical: Fillers shall be 20 gauge sheet steel, powder coated to match the color of the lockers.
  1. Filler Width: 12 inches (305 mm).
- D. Metal Locker Recess Trim: Recess trim shall be 18 gauge sheet steel, powder coated to match the color of the lockers.
  1. Side Trim (Trim is handed):
    - a. 3 inches (76 mm) wide by 63 inches (1.60 m) high.
    - b. 3 inches (76 mm) wide by 75 inches (1.90 m) high.
  2. Top Trim: 74 inches (1.88 m) long by 3 inches (76 mm) high
  3. Splice: 2 inches (50 mm) by 3 inches (76 mm).



- B. Shop Drawings: For the following metal building system components. Include plans, elevations, sections, details, and attachments to other Work.
1. For installed components indicated to comply with design loads, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
  2. Submittal to include a proper sequence of erection to verify future installation of exterior doors, windows, louvers and all other affected components.
  3. A structural review will be required by City of Austin building permit reviewers. A stamped set by a State of Texas registered engineer to be included in submittal.
  4. Anchor-Bolt Plans: Include location, diameter, and projection of anchor bolts required to attach metal building to foundation. Indicate column reactions at each location.
  5. Structural-Framing Drawings: Show complete fabrication of primary and secondary framing. Indicate welds and bolted connections, distinguishing between shop and field applications. Include transverse cross-sections.
  6. Roof and Wall Panel Layout Drawings: Show layouts of panels on support framing, details of edge conditions, joints, panel profiles, corners, custom profiles, supports, anchorages, trim, flashings, closures, and special details. Distinguish between factory- and field-assembled work.
  7. Personnel and Roll up Door Framing: Provide frames, using the same reference numbers as indicated on Drawings. Include details of reinforcement and installation requirements.
  8. Accessory Drawings: Include details of the following items, at a scale of not less than 1-1/2 inches per 12 inches (1:10):
    - a. Ductwork penetration (equipment by others)
    - b. Beam wall penetrations
    - c. Wall panel sills
    - d. Gutters.
    - e. Downspouts.
- C. Samples for Initial Selection: Manufacturer's color charts showing the full range of colors available for each type of the following products with factory-applied color finishes:
1. Roof panels.
  2. Wall panels.
  3. Trim and closures.
  4. Accessories.
- D. Samples for Verification: For the following products, in manufacturer's standard sizes, showing the full range of color, texture, and pattern variations expected, in the profile and style indicated. Prepare Samples from the same material to be used for the Work.
1. Roof Panels: 12 inches (300 mm) long by actual panel width. Include clips, caps, battens, fasteners, closures, and other exposed panel accessories.
  2. Wall Panels: 12 inches (300 mm) long by actual panel width. Include clips, caps, battens, fasteners, closures, and other exposed panel accessories.
  3. Trim and Closures: 12 inches (300 mm) long. Include fasteners and other exposed accessories.
  4. Vapor Retarders: 6-inch- (150-mm-) square samples.
  5. Accessories: 12-inch- (300-mm-) long samples for each type of accessory.